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REPORT

CD NO.

50X1-HUM

COUNTRY Yugoslavia
 SUBJECT Transportation - Rail
 HOW PUBLISHED Daily newspapers
 WHERE PUBLISHED Yugoslavia
 DATE PUBLISHED 25 Jun - 14 Jul 1951
 LANGUAGE Serbo-Croatian; Slovenian

DATE OF INFORMATION 1951

DATE DIST. 18 Oct 1951

NO. OF PAGES 2

SUPPLEMENT TO REPORT NO.

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IMPROVE RR TRANSPORTATION METHODS, EXPAND FACILITIES

INITIATE INNOVATIONS IN CLASSIFICATION YARDS -- Zagreb, Borba, 11 Jul 51

Significant progress has been made in the past few months in improving railroad transportation in Yugoslavia. In early June 1951, fast trains following the shortest routes and having the right of way, called "Dencari" trains, were put in operation to transport perishables. The results proved satisfactory and the use of this type of train will be increased.

Important innovations in classification yards are the centralized operation of switches and the use of electric signals. Equipment for these was designed by Yugoslav engineers and is being manufactured in block-signal workshops. These innovations not only free many men for other work, but also make work easier and safer. Now it is possible for one man in the control tower of a classification yard to control the making and breaking-up of trains. Light signals, also operated from a central location, establish and maintain direct communication between the yardmaster and the engineman who is switching his cars to different tracks.

Loudspeakers are being used in classification yards to inform switchmen and yardmen (workmen who await cars released by the engine and slow their speed by using special hand brakes /skate brakes?/) on which tracks cars are to be placed, so that very few mistakes are made.

In the Vinkovci classification yard radio connections are to be set up between the yardmaster and enginemen through the building of a small radio station with a 5- to 6-kilometer range. Tests have been completed and the connections will be installed soon.

Because of a shortage of equipment it will be impossible to introduce these innovations in all classification yards. At present the most modern classification yard is at Vinkovci, but some innovations have been made in other yards.

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Railroad experts have been concentrating recently on building safety equipment, which was previously imported. All block-signal workshops are now manufacturing mechanical and electromechanical safety signal equipment.

A prototype is being built of an electric signal safety system which will be installed in a railroad station this year for testing, following which it will be mass produced.

"DJURO DJAKOVIC" RR EQUIPMENT FACTORY EXPANDS -- Zagreb, Borba, 14 Jul 51

Slavonski Brod, 13 July -- A shop for the production of boiler plates for locomotives has been completed in the "Djuro Djakovic" Railroad Equipment Factory in Slavonski Brod. The shop is 70 meters long and 50 meters wide. A large warehouse for the plates is being built nearby and will be completed in September. A railroad car workshop will be moved into the new shop temporarily, while construction of a large workshop (largest in the factory) for the mechanical production of locomotive parts and other machines will begin on the site of the moved workshop. The new workshop will be completed in 1952.

Work is continuing in the large, new blacksmith shop, where foundations are being excavated for the installation of large pneumatic hammers and presses. Some hammers with an impact force of 2,000 kilograms will be mounted on special resilient springs.

The construction of another group of installations is planned, such as a locomotive yard for testing new locomotives, a varnish shop, and a new laboratory. The network of industrial railroad tracks is to be rebuilt and a new classification yard built. Some of these projects will begin in 1951, others in 1952.

EQUIPMENT PLANT FULFILLS 6-MONTH PLAN -- Sarajevo, Oslobođenje, 25 Jun 51

Sarajevo, 24 June -- The Railroad Equipment Factory in Sarajevo is the only one of its kind in Bosnia-Herzegovina. It produces spikes for railroad tracks, drills, rivets for steam boilers and steel bridges, various finished products from metal and wood, assembles and repairs railroad car scales and other railroad equipment, etc.

The factory fulfilled its 6-month plan 15 days ahead of schedule. Production quality was improved 6.2 percent over 1950, while considerable savings were made in raw and operational materials.

COMPLETE 23 KILOMETERS OF RR BETWEEN BANJALUKA AND JOSAVKA -- Ljubljana, Slovenski Poročevalec, 8 Jul 51

Josavka, 8 July -- The first train to run on the Banja Luka - Doboš Railroad completed its run on the newly built 23 kilometers of railroad between Banja Luka and Josavka on 7 July.

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50X1-HUM

COUNTRY Yugoslavia
 SUBJECT Economic - Industrial, tractors, machine tools
 HOW PUBLISHED Daily newspapers
 WHERE PUBLISHED Ljubljana; Zagreb
 DATE PUBLISHED 16 Jun - 22 Jul 1951
 LANGUAGE Slovenian; Serbo-Croatian

DATE OF INFORMATION 1951
 DATE DIST. / 8 Oct 1951
 NO. OF PAGES 2
 SUPPLEMENT TO REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 10 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

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COMMISSION TO REGULATE MACHINERY IMPORTS;
INCREASE TRACTOR, MACHINE-TOOL PRODUCTION

ISSUE NEW REGULATION ON PROCUREMENT OF MACHINERY -- Ljubljana, Slovenski Porocevalac, 16 Jun 51

The Economic Council of Yugoslavia has ordered that a special commission be established in the federal Council for Machine Construction to regulate the procurement of machinery and equipment from abroad.

Requests for the import of machinery and equipment for the metal, wood, and electric (except for machinery and equipment used in making electric bulbs) industries, and for the import of rotary machinery must be approved by the new commission. The commission is charged with preventing equipment or machinery which is either manufactured or available in Yugoslavia from being imported.

TO PRODUCE 60 TRACTORS PER MONTH -- Zagreb, Borba, 18 Jul 51

At the end of July the "Industrija Motora" (Motor Industry) Enterprise in Rakovica will deliver about 120 new tractors of the Zadrugar and Ansaldo types to farm work cooperatives and state farms. In the first half of 1951, these organizations received over 400 such tractors in all republics except Slovenia.

Beginning with August an average of 60 Zadrugar tractors will be produced every month. A large number of letters from users of this tractor indicate that it is completely satisfactory.

The Institute for Agricultural Mechanization recently completed a detailed analysis of the Zadrugar tractor and suggested several minor changes which will be taken into consideration in future production of the tractor. These modifications include changing the shape of the seat, using a magneto for ignition instead of the present electrical connections, and other changes.

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"PRVOMAJSKA" MACHINE TOOL FACTORY PRODUCES NEW AIR HAMMER -- Zagreb, Borba,
22 Jul 51

At the 1951 Zagreb Fair, the "Prvomajska" Machine-Tool Factory will exhibit a new product, an air hammer with an impact force of 300 kilograms. This is the most powerful hammer ever built in Yugoslavia. It was designed by Engr Otokar Lisi, who is now working on an air hammer with an impact force of 600 kilograms.

The "Prvomajska" Factory is also completing the construction of a hydraulically operated drill which will cut pipe and solid [slabs of?] steel. The factory is also to produce milling machines, radial drills, hydraulic reamers, and special grindstones for sharpening lathe cutting tools.

The plans for these machines and for the majority of the products already being made by the "Prvomajska" Factory were designed by Engineer Lisi.

"DJURO DJAKOVIC" ENTERPRISE PRODUCES NEW EQUIPMENT -- Zagreb, Borba, 18 Jul 51

Slavonski Brod -- The "Djuro Djakovic" Railroad Equipment Enterprise is now installing ball bearings in the first series of 20 machines and equipment to be used for extracting petroleum. Work has also begun on serial production of motor winches, and structural pillars are under construction for the Sisak and Zenica ironworks.

The enterprise is also producing equipment for mining, a 100-ton crane for the Medvode Hydroelectric Power Plant dam, and rotary concrete mixers for the cement industry. Three 60-ton coal [power?] shovels, three installations for cleaning ore, locomotives for a narrow-gauge track, and switch engines for standard-gauge tracks are under construction.

MARIBOR AUTOMOBILE FACTORY MANUFACTURES NEW PRODUCTS -- Zagreb, Borba,
10 Jul 51

Maribor, 9 July -- The automobile factory in Maribor has recently begun producing connecting rods, which previously had to be imported. By the end of 1951 the factory will be producing about 13 other new parts for the "Pionir" truck. In the fall the factory's blacksmith shop will begin producing a great number of new truck parts, which it has recently learned to make.

The factory is also preparing for serial production of the new "Luka" truck.

FIRST FULLY MECHANIZED MILL BEGINS OPERATION -- Ljubljana, Slovenski Porocevalac, 11 Jul 51

The first completely mechanized mill in Yugoslavia began operation on 9 July in Vrhnika. The former mill ground 4,000 kilograms of wheat daily; the new mill will grind 16,000 kilograms daily with the same manpower.

The mills in Fuzine (near Ljubljana), Slap, Baska Grapa, Ajdovscina, and Pudob are being modernized; their capacity will be sufficient to grind all the wheat used in Slovenia, which was not possible last year. Although the mills worked day and night.

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